

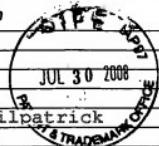
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/590,204
\$371 Filing Date	May 4, 2007
First Named Inventor	Simon BATES
Art Unit	1797
Examiner Name	Bryan T. Kilpatrick
Attorney Docket Number	09013.0010-00000

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/B.K./	1	US-2007/0110214	17 MAY 2007	Bates, Simon	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/B.K./	2	WO 2005/082050 A	09 SEP 2005	SSCI Inc.		
/B.K./	3	WO 00/61784	19 OCT 2000	Quanta Vision Inc.		
/B.K./	4	DD 285 270 A7	12 DEC 1990	WEB Petrolchemisches Kombinat		

NONPATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
/B.K./	5	Krishnan, S. et al., "X-ray diffraction on levitated liquids: application to liquid 80%Co-20%Pd alloy," Journal of Non-crystalline Solids, 250:252-286-282 (1999).	
/B.K./	6	Petri, I., et al., "A neutron diffraction study of glassy GeS ₂ ," Journal of Non-crystalline Solids, 293-295:169-174 (2001).	
/B.K./	7	Burgess, A. N., et al., "Neutron diffraction plus molecular dynamics: a powerful approach for understanding liquid structure," Nuclear Instruments & Methods in Physics Research, A354(1):81-86 (1995).	
/B.K./	8	Billinge, S. J. L., et al., "Beyond crystallography: the study of disorder, nanocrystallinity and crystallographically challenged materials with pair distribution functions," Chemical Communications, 7:749-760 (2004).	
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/B.K./	10	Proffen, Th., et al., "Structural analysis of complex materials using the atomic pair distribution function - a practical guide," Z. Kristallogr, 218:132-143 (2003).	
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/B.K./	12	Martens, G., et al., "Destructive interference and multiple scattering effects observed in Ca K-edge EXAFS spectra," Physica Status Solidi A East Germany, 88(1):103-111 (1985).	
/B.K./	13	Adya, A. K., et al., "Excess intermolecular structure and pair correlation functions in liquid mixtures 0.5 C ₂ O+0.5 C ₂ D ₆ and 0.5 C ₂ O+0.5 C ₂ D ₆ by neutron diffraction," Molecular Physics, 78(5):1075-1095 (1993).	
/B.K./	14	International Search Report for European Application No. EP 05 72 3818, dated April 10, 2008.	
/B.K./	15	International Search Report for International Application No. PCT/US2006/037194, dated February 9, 2007.	

Examiner Signature	/Bryan Kilpatrick/	Date Considered	01/30/2009
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